Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L

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FRONT

Front dimension: Ø 25 mm

Front form: Round

Front bezel material: Stainless steel 316L

Front bezel shape: Flush

MOUNTING

Mounting cut-out: Ø 22 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens colour: Silver

Lens material: Stainless steel 316L

Lens illumination: Illuminated

Lens shape: Flush

Lens optics: opaque

Illumination colour: Red

Shape of illumination: Ring (Tritan)

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

according to UL 508 (Silver contacts)
$\cos\varphi$ 0,75 … 0,8

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

according to IEC 60947-5-1 (Silver contacts)
Service categorie AC-15

Voltage	Current
24 VAC	1 A
35 VAC	1 A (M12 version)
110 VAC	1 A
220 VAC	0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage	Current
24 VDC	0.7 A
35 VDC	0.5 A (M12 version)
110 VDC	0.2 A
220 VDC	0.1 A

Operating voltage: 24 V DC (LED)

Rated Operational Voltage Ue: 250 VAC

Rated insulation voltage Ui: 250 V

Switching rating: 35 V AC/DC @ 0,6 A

Electrical lifetime: 50 000 cycles of operation

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

Pollution degree: 2, according to EN IEC 60947-1

Thermal current Ith: 5 A

MECHANICAL CHARATERISTIC

Terminal: Connector M12 (5 pins)

Switching action: Maintained

Switching system: Snap-action switching element

Mechanical lifetime: 500 000 cycles of operation

Operating force: 4 N … 7 N

Operating Travel: ca. 3 mm

Tightening torque: 0.5 … 0.6 Nm

Weight: 0.043 kg

AMBIENT CONDITION

IP front protection: IP65, IP67

Operating temperature: – 30 °C … + 70 °C

Storage temperature: – 40 °C … + 80 °C

Shock resistance: Max. 500 m / s^2 as per IEC 60068-2-27

Vibration resistance: 10 … 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Climate resistance:	Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

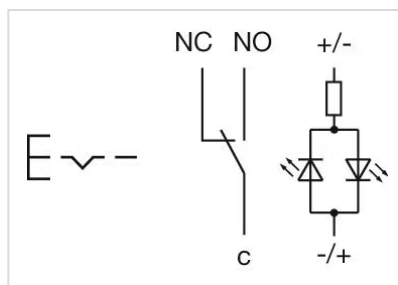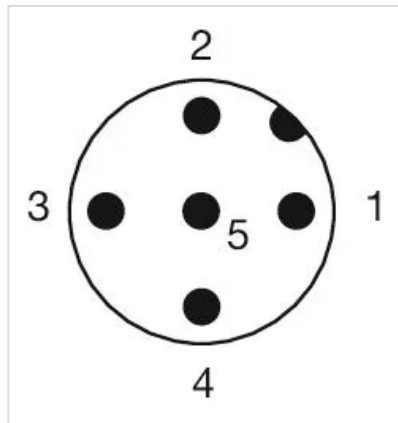| **Conformities:**	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

Short Description:	Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L, Maintained, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Connector M12 (5 pins), Round, Stainless steel 316L, Red, Silver
Kind of illlumination:	Single-LED

Wiring diagrams:

Component layouts:

1 = NC
2 = LED+
3 = Common
4 = LED-
5 = NO
A-Coded

Mounting cut-outs:

31 min.

31 min.

Ø22 $^{+0.3}_{+0.1}$

21.5 $^{+0.3}_{+0.1}$

Dimension drawings:

8 max.

Ø24.8 $^{\pm0.2}$

M12

M22x1mm

2

60 $^{\pm1}$